

August 17, 2005

ORGANIZATION: AMERICAN SOCIETY FOR TESTING AND MATERIALS

SUBJECT: SUMMARY OF JULY 25 AND 26, 2005, MEETING WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS ON STANDARDS FOR COATINGS ASSESSMENT

On July 25 and 26, 2005, a category 2 meeting was held between the U. S. Nuclear Regulatory Commission (NRC) and representatives of the American Society for Testing and Materials (ASTM), Committee D-33, Protective Coatings for Power Generation Facilities. The purpose of the meeting was to discuss how ASTM standards could be used to support resolution of GSI 191, "Assessment of Debris Accumulation on PWR Sump Performance", by demonstrating qualified containment coatings remain capable of meeting their original qualification requirements. A list of attendees is provided as Enclosure 1, and a copy of the agenda is provided as Enclosure 2.

Recent evidence has suggested that some qualified coatings in containment may degrade in-service, and provide a debris source for the sump. The ASTM representatives suggested modifying existing inspection standards and proposed draft standards for qualification of inspection personnel. The staff informed the ASTM that the proposed guidance will not adequately demonstrate that qualified coatings continue to meet their original qualification criteria. As a result of this meeting, ASTM D-33 is requesting an industry survey of containment coating failures to justify the need for alternative inspection standards. ASTM D-33 will also dedicate a portion of its January 2006 conference to discussion of available techniques for in-situ assessment of coatings that may be correlated to the original qualification criteria.

Public feedback forms were distributed. No comments were received from members of the public during the meeting.

Please direct any inquiries to Robert Kuntz at 301-415-3733, or rfk@nrc.gov.

/RA/

Robert Kuntz, Project Engineer, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Enclosures: 1. List of Attendees
2. Revised Agenda

CONTACT: Robert Kuntz
301-415-3733
NRR/DLPM

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NAME	RKuntz	PCoates	GSuh
DATE	8/17/05	8/17/05	8/17/05

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LIST OF ATTENDEES
MEETING WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS
ON STANDARDS FOR COATINGS ASSESSMENT
JULY 25 & 26, 2005

ASTM COMMITTEE D-33

J. Cavallo
J. Hugo
G. Dolderer
D. Cox
T. Eckert

NRC

L. Lund
R. Atchitzel
M. Murphy
M. Kowal
M. Yoder
R. Kuntz
M. Cash

Public

T. Yamada, Japan Nuclear Energy Safety Organization

AGENDA
MEETING WITH THE AMERICAN SOCIETY FOR TESTING AND MATERIALS
ON STANDARDS FOR COATINGS ASSESSMENT
JULY 25 & 26, 2005

Monday, 7/25/05:

Define mission statement

Identify and discuss Regulatory Concerns

Identify and discuss Industry Concerns

Identify and discuss applicable Regulatory documents

Identify and discuss applicable Industry documents

Tuesday, 7/26/05:

Define a "path forward"

Discuss and resolve remaining open items

Draft letter to be sent by ASTM Committee D-33 to USNRC summarizing the 7/25-7/26/05 meeting and providing guidance to Licensees for incorporation into the 9/1/05 responses to GL 2004-02, "Potential Impact of Debris Blockage On Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors."